

URI/Kingsville Dome Project
 Combined W-24 & W-25 Garcia Hills Domestic Wells Water Quality Data

Sample ID	Uranium (mg/l)	Gross Alpha (pCi/l)	Gross Beta (pCi/l)	Radium 226 (pCi/l)	Specific conductance and PH
12/13/96	0.184	108(+/-)10	45 (+-) 5	0.7 (+-) 0.1	1660 / 8.14
5/23/97	0.220	124 (+-) 11	40 (+-) 5	0.7 (+-) 0.1	1570 / 8.18
8/29/97	0.152	67 (+-) 8	45 (+-) 5	0.5 (+-) 0.1	1620 / 8.18
2/25/98	0.189	88 (+-) 9	32 (+-) 4	0.7 (+-) 0.1	1630 / 8.05
W-24 only 6/18/98	0.152	103 (+-) 10	37 (+-) 5	0.8 (+-) 0.1	1640 / 8.14
W-25 only 6/18/98	0.167	102 (+-) 10	30 (+-) 5	0.9 (+-) 0.1	1630 / 8.20
8/27/98	0.158	94 (+-) 10	36 (+-) 5	0.7 (+-) 0.1	1660 / 8.21
11/25/98	0.209	111 (+-) 10	48 (+-) 5	0.7 (+-) 0.1	1630 / 8.04
3/26/99	0.200	99 (+-) 10	45 (+-) 5	1.2 (+-) 0.1	1620 / 8.15
6/21/99	0.181	96 (+-) 10	49 (+-) 5	0.7 (+-) 0.1	1630 / 8.09
8/24/00	0.151	71 (+-) 8	24 (+-) 4	0.9 (+-) 0.1	1560 / 8.28
9/19/00(Split with TDH)	0.187	Na	Na	0.4 (+-) 0.1	1600 / 8.30
11/6/00	0.168	72 (+-) 7	31 (+-) 5	0.9 (+-) 0.1	Na
2/19/01	0.184	78 (+-) 7	24 (+-) 4	0.7 (+-) 0.1	1570 / 8.15
06/11/01	0.179	72 (+-) 7	38 (+-) 4	0.8 (+-) 0.1	1510 / 8.03
9/13/01	0.160	81 (+-) 8	32 (+-) 4	0.8 (+-) 0.1	1430 / 8.03
12/17/01	0.240	113 (+-) 9	26 (+-) 5	0.9 (+-) 0.1	1610 / 0.1
3/21/02	0.164	89 (+-) 9	33 (+-) 4	0.8 (+-) 0.1	1680 / 8.16
6/26/02	0.141	74 (+-) 8	22 (+-) 4	0.6 (+-) 0.1	1720 / 8.17
9/30/02	0.172	82 (+-) 8	11 (+-) 3	0.8 (+-) 0.1	1660 / 8.13
12/13/02	0.188	126 (+-) 10	28 (+-) 4	0.7 (+-) 0.1	1590 / 8.13

*Compare to WQ data for 1988
 provided by Teo Saenz on
 10/09/05
 JET*

3/11/03	0.180	134 (+-) 11	29 (+-) 4	0.7 (+-) 0.1	1760 / 8.27
6/23/03	0.172	78 (+-) 8	19 (+-) 4	0.7 (+-) 0.1	1600 / 8.11
9/26/03	0.170	135 (+-) 14	21 (+-) 4	0.6 (+-) 0.1	1710 / 8.20
12/12/03	0.187	118 (+-) 13	22 (+-) 4	0.8 (+-) 0.1	1630 / 8.05

The above listed water quality data was obtained from Martin Utley of the TDH/BRC on 4/23/04 (all that could be located) is from the analysis of a water tank located at the Garcia Hills Area in Kleberg County which combines water from two wells, W-24 & W-25. Although the exact completion intervals is unknown on these two wells, W-24 has a well depth of between 750 and 800 feet and the W-25 well has a well depth of 612 feet. Because of the elevated radiometric values sampled in these wells, it is believed that these two wells are completed in the same aquifer as the production zone located in Paa-3 at the Kingsville Dome Mine. Martin Utley who worked for URI during the time of pump testing of Paa-3, said that data was observed in the pump tests which showed aquifer communication appeared to be present between Paa-3 and these two wells. The permit for Paa-3 was issued on 2/6/98, so all data collected prior to that time is prior to mining in that area.

15.8 \ 08.21	1.0 (+-) 0.1	2 (+-) 2	10 (+-) 10	0.138	827.98
14.8 \ 08.04	1.0 (+-) 0.1	48 (+-) 2	111 (+-) 10	0.209	1122.98
21.8 \ 05.21	1.0 (+-) 0.1	42 (+-) 2	92 (+-) 10	0.200	325.92
14.8 \ 08.09	1.0 (+-) 0.1	49 (+-) 2	96 (+-) 10	0.181	621.92
8.2 \ 08.28	1.0 (+-) 0.1	24 (+-) 4	71 (+-) 8	0.121	823.00
0.2 \ 00.21	1.0 (+-) 0.1	NA	NA	0.187	9190.0 (Spill with TDH)
NA	1.0 (+-) 0.1	31 (+-) 2	22 (+-) 2	0.168	116.00
21.8 \ 07.21	1.0 (+-) 0.1	24 (+-) 4	28 (+-) 2	0.184	21.01
20.8 \ 01.21	1.0 (+-) 0.1	28 (+-) 4	22 (+-) 2	0.129	061.01
14.8 \ 08.03	1.0 (+-) 0.1	32 (+-) 4	81 (+-) 8	0.160	913.01
1.0 \ 01.21	1.0 (+-) 0.1	26 (+-) 2	113 (+-) 9	0.240	1217.01
16.8 \ 08.16	1.0 (+-) 0.1	33 (+-) 4	82 (+-) 9	0.164	323.02
17.8 \ 05.17	1.0 (+-) 0.1	22 (+-) 4	24 (+-) 8	0.141	626.02
16.8 \ 08.13	1.0 (+-) 0.1	11 (+-) 3	82 (+-) 8	0.122	930.02
12.8 \ 08.13	1.0 (+-) 0.1	28 (+-) 4	126 (+-) 10	0.188	1213.02

Compare to WQ data for 1982
 provided by Ted Sayers on
 10/20/02
 VET